Applicants hilip O. Livingston et al. Serial No.: 09/534,711 Filed: March 24, 2000 Page 2

Listing of the Claims:

- (Currently Amended) A composition which comprises:
 - a conjugate of i) a derivative of a fucosyl (a) GM1 ganglioside which comprises a converted ceramide portion, which differs from the a portion ceramide οf the fucosyl ganglioside solely by having an aldehyde group in place of a double bond, and ii) Keyhole Limpet Hemocyanin, wherein derivative of fucosyl GM1 ganglioside is covalently conjugated to Keyhole Limpet Hemocyanin by a covalent bond between an amino group of Keyhole Limpet Hemocyanin and the aldehyde group of the converted fucosyl ceramide portion of the ganglioside;
 - (b) QS-21; and
 - (c) a pharmaceutically acceptable carrier, wherein the fucesyl GMl ganglioside derivative: Keyhole Limpet Hemocyanin molar ratio in the conjugate is from 400:1 to 1400:1, and the conjugate and QS-21 are each present in the composition in an amount effective to stimulate or enhance antibody production in a subject and the composition is lyophilized.

2.-5. (Canceled)

6. (Previously Presented) The composition of claim 1, wherein the amount of the conjugate is between about 3 µg and about 100 µg.

- 7. (Previously Presented) The composition of claim 1, wherein the amount of QS-21 is between about 30 µg and about 100 µg.
- (Previously Presented) The composition of claim 1, wherein the subject is a human.

9.-10. (Canceled)

- 11. (Currently Amended) A method of enhancing antibody production in a subject which comprises administering to the subject an effective antibody producing amount of a composition comprising:
 - a conjugate of i) a derivative of (a) fucosyl GM1 ganglioside which comprises a converted ceramide portion, which differs from the a ceramide portion of the fucosyl ganglioside solely by having GM1 aldehyde group in place of a double bond, and ii) Keyhole Limpet Hemocyanin, wherein the derivative of fucosyl GM1 ganglioside is covalently conjugated to Keyhole Limpet Hemocyanin by a covalent bond between an amino group of Keyhole Limpet Hemocyanin and the aldehyde group of the converted GM1 fucosyl ceramide portion of the ganglioside;
 - (b) QS-21; and
 - (c) a pharmaceutically acceptable carrier,
 wherein the fucosyl GM1 ganglioside

Applicants: _hilip O. Livingston et al. __ Serial No.: 09/534,711 Filed: March 24, 2000 Page 4

> derivative: Keyhole-Limpet-Hemocyanin molar ratio in the conjugate is from 400:1 to 1400:1; and the conjugate and QS-21 are each present in the composition in an amount effective to stimulate or enhance antibody production in a subject and the composition is lyophilized.

12.-13. (Cancelled)

- (Currently Amended) A method of treating a small 14. cell lung cancer in a subject which comprises administering to the subject an effective small cell lung cancer treating amount of a composition comprising:
 - (a) a conjugate of i) a derivative of a fucosyl . GM1 ganglioside which comprises a converted ceramide portion, which differs from the a fucosyl GM1 portion οf the ceramide ganglioside solely by having an aldehyde. group in place of a double bond, and ii) Keyhole Limper Hemocyanin, wherein GM1 ganglioside is derivative of fucosyl covalently conjugated to Keyhole Limpet Hemocyanin by a covalent bond between an amino group of Keyhole Limpet Hemocyanin and the aldehyde group of the converted ceramide portion of the fucosyl GM1 ganglioside;
 - QS-21; and (b)
 - a pharmaceutically acceptable carrier, (c) fucesyl CM1 ganglieside the derivative: Keyhole Limpet Hemocyanin-molar ratio in the conjugate is from 100:1 to 1400:17 and the

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Applicants. hilip O. Livingston et al. serial No.: 09/534,711 Filed: March 24, 2000 Page 5

conjugate and QS-21 are each present in the composition in an amount effective to treat the small cell lung cancer in the subject and the composition is lyophilized.

15.-16. (Canceled)